



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं० 3]

नई दिल्ली, शनिवार, जनवरी 20, 1968 (पौष 30, 1889)

No. 3]

NEW DELHI, SATURDAY, JANUARY 20, 1968 (PAUSA 30, 1889)

इस भाग में निम्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
Separate paging is given to this Part in order that it may be filed as a separate compilation

### भाग III—खण्ड 2

### PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बंधित प्रबलित्वादायं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

#### Patents and Designs

Calcutta, the 20th January 1968

#### CORRIGENDA

(1)

In the Gazette of India, Part III, Section 2, dated 11th January 1967, in page 493, Column 1, under the heading "Renewal Fees Paid"—

for No. "65400"

read No. "65440"

(2)

In the Gazette of India, Part III Section 2, dated the 13th January 1968, under the heading "Registration of Assignments Licences etc. (Patents)" delete the Nos. 105368, 105462 and 105463.

#### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act

30th December 1967

113857. Beclawat of India Limited. Improvements in or relating to seats, for example of vehicles.

113858. Susil Kumar Ganguli. Hydraulic crimping or compression tool for joining any type of aluminium and copper cable conductors, solid or stranded.

113859. Nippon Rayon Kabushiki Kaisha (Nippon Rayon Co., Ltd.). A process and an apparatus for imparting elasticity to woven textile fabric.

113860 Joseph Lucas (Industries) Limited. Voltage regulators. (16th January 1967).

113861 Caviton Corporation. Material removal apparatus and method employing high frequency vibrations.

113862 Societe D'Etudes De Produits Chimiques. Therapeutic compositions

113863. Sukumar Dutta, Samar Kumar Roy, Murari Mohan Ghosh and Samar Ranjan Gupta. Improvement in or relating to improvement of mechanically rolling out of luchi, chapatis, suchkas etc. (Hand operated).

113864. Rohm and Haas Company. Herbicides.

3rd January 1968

113865 Sri Bhubaneswar Barthakur. Improved safety razor assembly.

113866 Sri B. Barthakur. Machine for grading of paddy with rotating rollers.

113867 A. S. S. S. Kamal. An improved fixer for wrist watch.

113868 D. R. Koppikar and A. Kalkar. Improvements in or relating to a visible indicating device.

113869 Council of Scientific and Industrial Research. Improvements in or relating to the preparation of calcium tungstate blue phosphor.

113870 British Resin Products Limited. Water-settable compositions (20th January 1967).

113871 Olin Mathieson Chemical Corporation. Aluminium base alloys and process for obtaining same.

113872 Fuller Company. Pneumatic conveying system

113873 M. V. Shiddhaye and S. M. Shiddhaye. An improved coconut scraper

113874 General Electric Company. Improvements in or relating to tap changing apparatus for inductive windings.

113875. E. I. du Pont de Nemours and Company Product.

(17)

113876. American Cyanamid Company. Imidazolyl compounds and process.
113877. Sumitomo Chemical Company Ltd. 2, 3, 4, 5, 6-pentachlorobenzylideneamine derivatives.
113878. Siemens Aktiengesellschaft. Improvements in or relating to electric circuit arrangements. (22nd September 1967).
113879. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Brüning. Process for fixing reactive dyestuffs on textile materials made of native or regenerated cellulose.
113880. Poudres Reunies De Belgique, Societe Anonyme. Erosion reducer.
113881. Metallgesellschaft A.G. Process of directly reducing iron ore pellets.
113882. Owens Corning Fibreglas Corporation. Hollow body for containing fluids, more particularly storage vessel, and method of producing the same.
113883. Ministerul Petrolului. Process for the production of monoalkyl-benzenes.
113884. Československá akademie věd. Method and equipment for automatic washing of rapid filters.
113885. Sklad, Oborovy podnik. A tobacco conveyor for tobacco cutting machines.
113886. Sigma Lutín, národní podnik. Slot-type pump for liquids.
113887. Gosudarstvenny Nauchno-Issledovatel'skiy Elektrotekhnicheskii Institut. Low-speed synchronous motor.
113888. Vsesojuznyy nauchno-issledovatel'skiy institut tekstil'nogo i legkogo mashinostroyeniya. A spinning and twisting device.
113889. Moskovsky chugunoliteiny zavod "Stankolit". A welding wire.
113890. Vsesojuznyy nauchno-issledovatel'skiy institut novykh stroitel'nykh materialov. Expanded plastic.
113891. G. P. Benichay, Y. Z. Chichelnik, M. A. Afanasiev and M. N. Khmarva. Automatic line for the lateral cutting out of a steel band into plates for magnetic circuits of transformers.
113892. Gosudarstvennyy sojuznyy institut po proektirovaniyu metallurgicheskikh zavodov. A method of delivering an ingot from a continuous casting plant and an appliance for effecting same.
113893. Gosudarstvennyy nauchno-issledovatel'skiy i proektnyy institut osnovnoy khimii. Evaporator.
113894. Gosudarstvennyy Vsesojuznyy Otdel Trudovogo Krasnogo Znameni proektnyy i nauchno-issledovatel'skiy institut tsementnoy promyshlennosti. Lining of revolving mills.
113895. Institut elektrosvarki im. E.O. Patona. A method of electroslag remelting of consumable electrodes and an installation for effecting same.
113896. Vsesojuznyy nauchno-issledovatel'skiy institut po pererabotke nefti. Method for production of lubricating oil.
113897. Compagnie de St. Gobain. Improvement to apparatuses for the manufacture of mineral fibre mats.
113898. Mahindra Engineering Co., Ltd. Electronic controller.
113899. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Brüning. Process for the manufacture of terephthalic acid ( $\beta$ -hydroxy-thyl)-esters.
113900. Merck & Co., Inc. Aryloxy substituted alkanolic acids.
113901. Mobil Oil Corporation. Lubricating compositions.
113902. Sandoz Ltd. Improvements in or relating to organic compounds. (21st August 1967).
113903. G. E. Steele and B. L. Pishon. A new or improved battery. (25th May 1967).
113904. Owen Illinois, Inc. Composite container. (29th March 1967).
113905. Shri R. R. Yadav. Automatic closing doors, windows and flap shutters.
113906. K. Viswasatham. And entitled differential sieve; a device for separation of mixed materials.
113907. B. V. Acharya. Steelhands.
113908. G. Philip. The inverse induction machine.
113909. M. A. Idnani and A. K. Rishi. A process for the preparation of enriched phosphatic fertilizer from low grade basic slag.
- 4th January 1968
113910. V. M. Atre. Teppina attachment (reversible).
113911. S. S. Jain. Structural designer. [Addition to No. 103295]
113912. B. H. Sooj. Wet alarm baby blanket.
113913. G. C. Solanki. Cycle carrier jumper.
113914. Hindustan Lever Limited. Detergent bar.
113915. The Frinton Company. Improvements in basic oxygen furnace process.
113916. E. I. du Pont de Nemours and Company. Preparation of thiohydroxamate carbamates.
113917. Siemens Aktiengesellschaft. Improvements in or relating to telegraph systems. (27th September 1967)
113918. Chase Brass and Copper Co., Incorporated. Improvements in or relating to corrosion resistant alloy.
113919. V. D. Raza. Nonleak-off fuel injection nozzle.
113920. Spofa, Spojeno podniky pro zdravotnickou výrobu. A method of preparing new trimethylhydroquinone derivatives.
113921. British American Tobacco Company Limited. Improvements relating to garniture for continuous-rod cigarette machinery. (13th January 1967).
113922. Ciba Limited. Process for the manufacture of new 3-oxo-1,2,4-oxadiazines.
113923. Rollet Research Corporation. Generation of cool working fluids and a generator therefor.
113924. The Brush Petroleum Company Limited. Apparatus for measuring or detecting dissolved oxygen and process employing said apparatus. (6th January 1967).
113925. Sandoz Ltd. Improvements in or relating to organic compounds. (5th January 1967).
113926. Sankyo Company Limited. Method for the preparation of a stable aqueous solution of amylolytic enzyme.
113927. Landis Machine Company. Gear manufacture.
113928. The Indian Iron & Steel Company Limited. Pelletising haematite iron ore fines. (10th January 1967).
113929. Rohm and Haas Company. Herbicides.
- 5th January 1968
113931. R. M. Chauhan. Rechargeable power pack battery.
113932. P. C. L. Mistry. Improved folding chair combined with a table and a bed.
113933. Vsesojuznyy Nauchno-Issledovatel'skiy Institut Antibiotikov. Method for production of triacetyloandomycin.
113934. Jagadish Chatterjee. Telescopic adjustable steering wheels.
113935. V. D. Hukerikar. Oxygen supplemented pressure-cooker.
113936. Novo Therapeutisch Laboratorium A/S. Improvements in or relating to the preparation of anylo-glucosides. [Divisional date 6th July 1966].
113937. Reynolds Metals Company. Smoke system.
113938. Universal Oil Products Company. Mixed-phase conversion product separation process.
113939. Universal Oil Products Company. Sulfur production.

- 113940 Universal Oil Products Company Oxidation of sulfide compounds
- 113941 Universal Oil Products Company Regeneration of solid catalysts
- 113942 American Ilange & Manufacturing Co., Inc. Bottle capping equipment and method
- 113943 J. R. Gigg & A. G. Process for the production of new sulphamylamide derivatives
- 113944 Fertilize Corporation of India Limited An improved process for preparation of a high absorption capacity silica gel for use in hydrocarbon type analysis

#### Alteration of Date

- 113716 Ante dated to 22nd March 1966 under Section 5 of the Act
- 111290 Ante dated to 12th April 1966 under Section 5 of the Act
- 108265 The claim to priority date 6th December 1965 has been abandoned and the application dated as of 1st December 1966, the date of filing in India
- 104507 The claim to priority date 26th March 1965 has been abandoned and the application, dated as of 24th March 1966 the date of filing in India
- 104722 The claim to priority date 9th April 1965 has been abandoned and the application dated as of 5th April 1966 the date of filing in India
- 104658 The claim to priority date 1st April 1965 has been disallowed. The application dated as of 1st April 1966 the date of filing in India

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patent on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents Office in the prescribed form I, of the Indian Patents and Designs Rules 1963 of such opposition.

A limited number of printed copies of all specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on applications to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

- 104728 Sri J. Panda Multipurpose crank and pedal frame Accepted on 11th December 1967

Three legged frame with the bases of the three legs resting on the ground and then top ends joined at a joint above a bicycle type saddle fitted over the same point, a bicycle crank and pedal system, a trapezium shaped loop fitted horizontally, two suitable clamping systems and a bicycle pedal type axle.

- 104381 Produits Chimiques Pechiney-Saint-Gobain Process for the bulk preparation of vinyl chloride polymers and copolymers by two stage polymerisation Accepted on 18th December 1967

Comprises in polymerising the reactants in two stages in separate apparatus—the 1st stage being carried out with vigorous agitation wherein a part of the reactants is polymerised which is followed by a 2nd stage wherein the polymerisation is complete with less vigorous agitation.

- 104468 The Magnavox Company Facsimile systems Accepted on 22nd December 1967

Comprising at least a pair of transceiver units connected through a link one to scan a document and develop facsimile signal, and the other

to respond to such signal via means in paper means supporting a document, means for rotating the transceiver units or supports, means to produce relative movement between document or paper and transceivers in axial direction, and switching means for selecting the transceiver.

- 1044 Penicillin Chemical Research, Inc. Cationic polymers for flocculating agent and water treatment aid and process for preparing said polymers Accepted on 23rd December 1967

Comprises polymerizing in aqueous solution corresponding monomers with a comonomer having the formula  $(H_2=C_2R_2)$  in presence of a free radical forming polymerization catalyst.

- 104507 Joseph Lucas (Industries) Limited Direction indicator switch to use with road vehicles Accepted on 23rd December 1967

Comprising in combination a support, an actuating member pivotally connected to the support for angular movement in opposite directions from an inoperative position to a pair of operative positions, where switch complex circuits to direction indicator lamps on opposite sides of the vehicles.

- 104536 Wilkinson Sword Limited Improvements in or relating to the production of cutting edges (30th March 1965) Accepted on 26th December 1967

The current by which metal is removed to form or finish the cutting edge is bent flow through a liquid medium in a passage from the anode to the cathode.

- 104541 Meeco, Inc. Flame spraying of exothermically reacting intermetallic compound-forming metal composites [Addition to No. 78169] Accepted on 26th December 1967

By adding the heat fusible material into a liquid in the form of a composite compound at least two exothermically reacting components which react at the temperature of the zone forming an intermetallic compound.

- 104558 Poloum Plastics Limited Improvements relating to plastic bottles Accepted on 26th December 1967

Comprises in forming a base zone with synthetic fibres and an elastomer deposit on the base a tie layer of soft polyethylene and forming on its surface a layer of wear resistant polyethylene and finishing the product.

- 104560 Rotary Product Anstalt Method of profiling work piece and apparatus for carrying out the same Accepted on 26th December 1967

Consists in supporting a work piece in a profiling space defined by three rollers means to engage the rollers relatively together.

- 104570 General Electric Company Improvements in or relating to lightning arresters Accepted on 28th December 1967

Comprising a spark gap in series with at least one non-linear resistance valve element, the current carrying spark gap comprising electrically connected discharge gaps enclosed in an arc-confining member and having an electromagnetic coil.

- 104573 Nauchissledovatel'sky Institut Avtonobnogo Otkrytoyazaya, Kalibatorov 'Publ'nyy Semuconductor thermobattery Accepted on 28th December 1967

The semiconductor thermocouple are connected through current conducting elements bound with insulating material forming at least one belt.

- 104599 Veb Itochtische Werke Berlin Method for coating photographic emulsions or auxiliary layer from low viscous fluids into paper or film base by means of the immersion process Accepted on 29th December 1967

Sheet moved round a roller partly immersed in the coating fluid maintaining an effective height of

- coating liquor in contact with surface to be coated and above the level of horizontal plane provided parallel to axis of dipping roller, and keeping the level of the liquid in the dipping vat constant.
104722. Imperial Chemical Industries Limited. Process for the preparation of a thermoplastic composition derived from a diene rubber and a resin. Accepted on 29th December 1967.
- Comprising the diene rubber and copolymerised acrylonitrile units (45.90% molar), *N*-aryl maleimide units (0-20% molar) and units of other ethylenically unsaturated monomer or monomers (5-35% molar), the quantities of units additional to the diene rubber to total 100% molar.
104734. Veb Funkwerk Dresden. Improved circuit arrangement for monitoring the operation of a binary decoding matrix. Accepted on 5th January 1968.
- Wherein the inputs of the matrix are connected to the outputs of a binary counting chain formed by bistable multivibrators, and the input of the counting chain is connected to a source of clock pulses, time multiplexed information signals which are synchronous with the clock pulses being connected to outputs of the matrix through diode gate input means.
104769. W. Greutert. Method of manufacturing an accumulator and the accumulator obtained thereby. Accepted on 4th January 1968.
- With the accumulator housing still open, the electrolyte is concentrated until no more gas is discharged from the accumulator at an external pressure which is characteristic for the accumulator to be manufactured and depends on the optimal electrical conductivity desired.
104774. K. J. Puthenagadi. Automatic sinking shutter wall. Accepted on 30th December 1967.
- Comprising bed slabs, vertical shutter slabs having planting pins at bottom edges passing through holes in the bed slabs, the shutter slabs having pockets for receiving said pins of additional shutter slabs, a stabilising pin, a bracket and a concrete pillar.
105095. Glaverbel. Process and device for treating sheet glass. Accepted on 4th January 1968.
- By traversing the glass by electric field extending between molten mass and atmosphere in contact with glass.
105124. H. B. Khimji. An improved diaphragm valve. Accepted on 30th December 1967.
- Diaphragm moulded from resilient plastic materials having a depression with a raised boss at its centre, the said diaphragm being fitted to an actuator by means of a hook passing through a slot or hole formed or machined or drilled at the centre of the actuator, the upper end of the body of the hook being formed into a flattened head adapted to just slide through a slot or hole identical in shape with the head of the hook.
105373. Khadi and Village Industries Commission. Device for gobar (animal dung or the like) gas utilization for small diesel engines. Accepted on 30th December 1967.
- A spindle responsive to the governor being provided with two arms, one controlling the supply of fuel and the other controlling the gas to a fuel air mixing chamber through a spring loaded needle valve within a supply valve having an inlet opening for gas and an outlet opening for gas leading into the fuel air mixing chamber.
105472. Sperry Rand Corporation. Improvements in pumps (30th December 1965). Accepted on 29th December 1967.
- Comprises fluid pressure operated mechanism and a compensator control valve and having a fluid pressure actuated compensator bypass valve biased to a position connecting the outlet side of the pump directly to the displacement varying mechanism.
105585. E. G. Rensch. Structural assembly. Accepted on 30th December 1967.
- Wherein each column comprises angularly adjoining profile members, connecting means co-operating with connecting formations on said profile members and means for connecting the traverse members to the profile members.
105901. Imperial Chemical Industries Limited. Anthraquinone dyestuffs. (19th July 1965). Accepted on 26th December 1967.
- Comprises reacting an anthraquinone compound containing at least one chlorine atom or bromine atom in the nucleus with the corresponding hydroxy mercapton or hydroxy aniline.
105904. Snam Progetti S. p. A. Catalyst composition suitable for use in hydrocarbons oxidation reactions. Accepted on 26th December 1967.
- Composition containing vanadium, molybdenum, bismuth and oxygen characterized in that it presents a crystal lattice derived from the lattice of  $\text{BiVO}_3$ , modified by the presence of molybdenum atoms.
105913. Halcon International, Inc. Method for treating the effluent from a liquid phase propylene dimerization reaction. [Addition to No. 81831]. Accepted on 27th December 1967.
- Treating the effluent from a liquid phase propylene dimerisation reaction which effluent contains unconverted propylene, hexenes, nonenes, and catalyst liquid said catalyst liquid contains aluminium trialkyl compound.
105915. W. R. Grace & Co., Noval herbicidal compositions. [Addition to No. 105914]. Accepted on 27th December 1967.
- Comprises as an active ingredient at least one compound of the substituted benzo oxazole or benzo thiazole along with an inert carrier.
105917. Kawecki Chemical Company. Manufacture of aluminium-magnesium alloys. Accepted on 27th December 1967.
- Containing at least 1% by weight of magnesium, the improvement which comprises preventing burn of magnesium from molten aluminium base alloy, prior to casting by incorporating into molten magnesium containing aluminium an amount of cerium sufficient to introduce at least about 0.0001% by weight of cerium into the melt.
105927. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to resilient supports for rotating machine parts, such as a drum of a device for treating clothes by washing or spin-drying. Accepted on 27th December 1967.
- Having the elastic centre located at least approximately in the centre line of the bearing of the rotatable component.
105928. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to resilient supports for rotating machine parts such as a drum or a device for treating cloths by washing or spin-drying. Accepted on 27th December 1967.
- Having the elastic centre of the elastic system coinciding at least approximately with the centre of mass of the resiliently supported frame part.
105948. Fisons Pest Control Limited. Production of substituted benzimidazoles. (13th July 1965). Accepted on 28th December 1967.
- Reacting *O*-phenylenediamine with nichloroacetyl chloride.
105968. T. N. W. Leijon. Excavating bucket. (16th June 1966). Accepted on 29th December 1967.
- Body of the bucket comprises a jacket, shape-retaining elements being attached to the jacket inside thereof.
105972. Karrera-Feuerungsbau GmbH. Refractory masonry and stones therefor. Accepted on 29th December 1967.
- Consisting of refractory stone elements laid in an inter-connected way such that each stone ele-

ments are provided at least at one of its lateral surfaces with inclined grooves with which the corresponding grooves running at the same level and direction of the adjacent stone element from completely closed channels to be filled with the mortar applied in course of laying the stone element.

105992. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Brunning. Process for making rubber articles reinforced with textiles. Accepted on 29th December 1967.

Comprises (a) treating the textile with an aqueous disp dispersion containing (1) a di or poly-methylolphenol resin (2) a latex of amorphous ternary copolymer of ethylene, propylene or butylene-1 and an unconjugated diene or triene copolymerizable with mono-olefines, said copolymers having been treated with oxygen and/or oxygen donors (b) embedding the pretreated textile in a vulcanizable mixture of an identical unsaturated amorphous ter ternary copolymer containing sulfur, zinc oxide and accelerators and then vulcanizing it.

106003. Celanese Corporation and Hicks and Otis Prints, Inc. Decorative fabric articles and process of producing the same. Accepted on 3rd January 1968.

Comprises a non-shrinkable face fabric embossed in a pattern with an adhesive and a backing fabric heat shrunk after lamination to the face fabric at adhesive coated portions thereof.

106030. Dunlop Rubber Company Limited. Friction member for a brake. (14th July 1965). Accepted on 4th January 1968.

A friction member for a brake comprising an annular core formed from on containing barytium, the core being enclosed within a sheath of steel or similar material constituted by a pair of annular shells detachably secured together one or each side of the core.

106112. Stamicaarbon N. V. Process for the preparation of high molecular weight polymers of conjugated dienes. Accepted on 3rd January 1968.

Reacting the conjugated diene in the presence of nickel carbonyl compounds with one or more olefinically unsaturated group.

106153. Tirfor Limited. Improvements in or relating to hauling and hoisting gear. (14th July 1965). Accepted on 29th December 1967.

Double acting hydraulic cylinder and piston assembly, pivoted at one end to the casing of the gear and at the other end to the operating lever.

106192. Joseph Kaye & Company, Inc. Improvements in or relating to refrigeration system. Accepted on 30th December 1967.

Comprising in combination inlet means for receiving a high pressure refrigerant liquid stream and a low pressure vapor refrigerant stream means for increasing the velocities of the streams including means for forming from the liquid stream a supersonic velocity two-phase vapor liquid refrigerant stream, means for mixing the two phase vapor liquid, means for decreasing the velocity of the single refrigerant stream, means for increasing the pressure of a portion of the single refrigerant streams, means for expanding the remaining portion of the single refrigerant stream means for placing the expanded portion in a heat absorbent relationship with a heat source, and means for applying single stream to liquid-vapor separator means.

106235. David and David, Inc. A method of winding a continuous length of a flexible member and apparatus therefor. Accepted on 4th January 1968.

Characterised in sensing means for continuously following the depth of the loop and for providing output signal and speed control means for controlling the rate of discharge into or withdrawal from the loop.

106284. Leeds & Northrup Company. Method for producing steel by the basic oxygen process and apparatus

for carrying out the same. Accepted on 4th January 1968.

Consists in blowing oxygen, through a lance to the bath, initially at a first rate limited so as to avoid undesired side reactions, and after that phase the oxygen supply rate is steadily increased in a second blowing phase subject to an overriding maximum supply rate.

106302. Helcon International Inc. Improved process for the manufacture of carbon tetrachloride, perchloroethylene or mixtures thereof. Accepted on 21st December 1967.

Quenching vapour phase effluent of reaction zone in a quench zone, scrubbing uncondensed hydrogen chloride and chlorine with refrigerated quench medium to absorb said chlorine from hydrogen chloride, stripping chlorine from chlorine rich quench medium and recycling chlorine to thermal chlorination reaction zone.

106413. The British Petroleum Company Limited. Improvements relating to the hydrocatalytic treatment of waxes. (30th July 1965). Accepted on 30th December 1967.

In presence of hydrogen and hydrogenation catalyst in which feed stock is changed from microcrystalline to crystalline wax or from a solvent treated to non solvent treated grade of lubricating oil characterised in that the change-over is effected by discontinuing the passage of existing feed stock at a temperature 150°F for 5 to 50 hours.

106483. Hokuetsukogyo Company, Limited. A displacement engine of the rotary screw wheel type. Accepted on 29th December 1967.

A displacement engine of rotary screw wheel type having two or more rotors formed with intermeshing helical lobes and grooves with working chambers enclosed between the blanks of the lobes and the casing, the working fluid being compressed in the chambers while moving in an axial direction with rotation of the rotors.

106484. The Carborundum Company. Abrasive disk package. Accepted on 30th December 1967.

A package of abrasive disks each with a backing at one side and abrasive grit bonded to the other side disks being stacked in axial alignment, a tube extending around circumference of disks, a bottom closing end of tube and a lid.

106516. Indian Dye-stuff Industries Limited. A process to prevent the bleeding of vat dye from yarn. Accepted on 30th December 1967.

Comprising adding magnesium sulphate and sodium sulphate in a predetermined ratio to the development liquor in the course of any known dye development process.

106631. Ved Ratna. Optical disc usable in daylight for demonstration experiments in optics. Accepted on 30th December 1967.

Having the surface coloured black and having a series of white coloured edges formed on it projecting out from the surface a little.

106658. The Lubrizol Corporation. Basic metal phenates and process for preparing same. Accepted on 30th December 1967.

The improvement comprises carrying out the process of carbonation of a phenolic compound and a calcium or strontium base in the presence of a catalyst selected from the class consisting of carboxylic acids having up to 100 carbon atoms and metal salts thereof.

106888. Österreichisch-Amerikanische Magnesit Aktiengesellschaft. Process of producing refractory, unfired and fired, magnesia-chrome and chrome-magnesia bricks. Accepted on 4th January 1968.

Comprising firing the mixture containing chromium oxide and substance which give magnesia on firing, without fusion, and the sintered material is grained and mixed with tar and/or pitch, bitumen or similar mixtures of high molecular

- hydrocarbon and then shaped into bricks, which are fired if desired
106971. International Business Machines Corporation. A printer assembly (2nd May 1966) Accepted on 3rd January 1968
- Having a printer mechanism disposed inside an enclosure having a plurality of walls and cover, a guide plate disposed adjacent the cover and forming with the cover a narrow elongated passage through which the document passes from the printing mechanism to a storage receptacle
107017. Lockheed Aircraft Corporation. Articulated vehicle. Accepted on 30th December 1967
- Means supporting the front unit for movement over terrain, and means mounting the two pairs of wheels on the rear unit for pitch adjustment of the wheels relative to the rear unit
107136. International Business Machines Corporation. Automatic ink ribbon take up mechanism for type writer and the like. Accepted on 3rd January 1968
- The side flange of the reel is presented for frictional engagement with the edge of a ribbon supplied to the reel the frictional engagement being effective to draw ribbon from the ribbon feed
107137. Ringfeder GmbH. Draw and buffer gear with draw stirrup, more especially for central buffer couplings. Accepted on 3rd January 1968
- Draw stirrup having two stirrup eyes divided at a vertical plane and conically widened in the direction of the spring housing.
107398. Thomas Hunter Limited. Improvements in and relating to closures (15th October 1965) Accepted on 3rd January 1968
- Articulated throat is made of a tough resilient plastic material
107616. National-Sandata Company. Apparatus for continuous extrusion. Accepted on 30th December 1967
- Continuously bonding an extruded coating of soft metal into a hard metal to provide a structure
107657. Imperial Chemical Industries Limited. Process for reductively dimerising and  $\alpha, \beta$  olefinically unsaturated ester or nitrile (1st November 1965) Accepted on 29th December 1967
- By means of an alkali-metal amalgam reduction system in a reaction medium including an agent such as water or methanol or ethanol.
107674. Japan Exlan Company Limited. Apparatus for spinning composite fibers. Accepted on 30th December 1967.
- A cylindrical air liquid distributing body constructed by convolutely winding a band like plate, said band like plate being provided with holes and notches
107676. Japan Explan Company Limited. Method of treating acrylonitrile synthetic fiber and acrylonitrile synthetic fibers so treated and having stability in whiteness. Accepted on 30th December 1967
- Contains at least 80 per cent by weight of acrylonitrile in addition to dissociable acid groups, from 75 to 95% of which have been combined with alkali metal or ammonium ions
107744. F. M. Virjee. Improvements in or relating to ceiling fans, table fans and like air circulating appliances. Accepted on 30th December 1967
- Having fan blades mounted on outriggers projecting from the rotating motor casing and which works on the centrifugal principle
107831. Caterpillar Tractor Co. A disconnect drive for the spindle of an inertial welding machine. Accepted on 30th December 1967.
- Comprising a load cylinder attached to the machine frame, a tubular load piston mounted for axial movement within the load cylinder, a spindle mounted for rotation in one end of the tubular piston and drive means for rotating the spindle
107944. American Vello, Inc. Joining lengths of sheet material and products resulting therefrom. Accepted on 30th December 1967
- Characterised by removing the hooking elements from a marginal end of a length of a pie fabric to acquire a flat marginal end portion, applying an adhesive overlapping marginal end portion to a second length of sheet material.
107953. Selenius Ltd. Resistance type on load tap changer. Accepted on 3rd January 1968.
- Comprising an insulating cylinder divided into two sections the upper one for housing the resistance unit of a current limiting resistance and the lower one for a current interrupting element
107957. Joseph Lucas (Ladurries) Limited. Gate controlled switch (6th December 1965) Accepted on 30th December 1967
- With the gate region constituted by the p-type layer of a p-n-p structure of the switch formed by diffusion in a reducing atmosphere.
108012. Pilkington Brothers Limited. Improvements in or relating to the manufacture of flat glass. (19th November 1965) Accepted on 4th January 1968
- By controlling the transverse temperature distribution across the bath in a region of the bath where the glass is molten by maintaining transverse flows of molten metal from the centre towards the side of the bath
108013. Pilkington Brothers Limited. Improvements in or relating to the manufacture of flat glass. (19th November 1965) Accepted on 4th January 1968
- A roof structure including the tank structure of the molten metal bath, means for delivering glass at a controlled rate to one end of said bath and advancing the glass along said bath in ribbon form through outlet
108017. Marathon Oil Company. Oil recovery process utilizing liquefied petroleum gases and heavier hydrocarbons. Accepted on 29th December 1967
- Comprising injecting into said formation through at least one injection means a microemulsion comprising liquefied petroleum gas, a high molecular weight hydrocarbon, at least one surfactant and water, thereafter injecting into said formation a drive fluid and recovering displaced hydrocarbon
108177. Accumulatorfabrik Sonnenschein GmbH. A process for preventing deposit of colloidal dissolved silver or of silver oxide onto the separator of galvanic primary or secondary electrodes of an accumulator. Accepted on 30th December 1967.
- A process preventing deposit of colloidal dissolved silver or of silver oxide onto the separator of galvanic primary or secondary electrodes
108214. Westinghouse Electric Corporation. Porcelain casing bead construction. Accepted on 4th January 1968
- The bead configuration having a bead spacing between 0.36" and 1" and a bead height between 0.06" and 0.12".
108251. H. Mader. Drilling machine, such as a radial drilling machine. Accepted on 30th December 1967
- The hollow column has a cross-section with the shape of a polygon the longer axis of which extends in the direction of the binding forces and wherein on the circumference or periphery of the column there are provided at least three plane guide face sections extending in the longitudinal direction of the column.
108261. Lärno Axler Limited. An improved axle mechanism. Accepted on 3rd January 1968
- A tandem axle mechanism having first and second tandem driving axles adapted to carry at least one wheel at each end where first and second differential wheel mechanisms incorporated respectively in the first and second axles and having an interaxle differential for delivering power to the two differential drive mechanism

108265. Svenska Rotor Maskiner Aktiebolag. Rotary internal combustion engines of the positive displacement type. Accepted on 4th January 1968.

*A pair of intermeshing rotors of dissimilar profile rotatably mounted in the housing for rotation about coplanar axes and sealingly cooperating therewith, each rotor having at least one tooth and intervening grooves with such axes on flanks.*

108319. Matsushita Electronics Corporation. A composite electrical device for example comprising a semiconductor device having a Schottky barrier, and a method for manufacturing the same. Accepted on 4th January 1968.

*Forming a mixed gas of hydrogen and halides of tungsten or molybdenum, heating a substrate, preventing the mixed gas and passing it over the substrate, thereby reducing the metal halides and forming a metallic film on the substrate.*

108381. A. G. Patilkar. Safety device against the ignition of inflammable gas due to electricity. Accepted on 3rd January 1968.

*Comprising a switch gear with or without remote control system and a gas detector wherein electric contacts are closed.*

108515. The Glacier Metal Company Limited. Method of and apparatus for casting bi-and tri-metallic member and metallic members thereon. (21 December 1965). Accepted on 30th December 1967.

*A method of casting a bi-metallic member wherein two components enter die while separated by a splitter.*

108603. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to circuit arrangements for correcting the cushion-like distortion in the deflection of the electron beam in a display tube. Accepted on 3rd January 1968.

*Comprising a first deflection coil, a second deflection coil, a transducer core provided with a third winding.*

108607. S. R. Nanavati. A mechanised hoarding for display of moving layout of advertisements. Accepted on 27th December 1967.

*Providing a hoarding with a number of windows located in predetermined areas of which wherein legends and/or known appears or disappears mechanically in a predetermined sequence at regulated intervals of time.*

108685. S. Kuribayashi. Marine derrick arrangement. Accepted on 3rd January 1968.

*A marine derrick arrangement characterized by provision of a derrick boom, a pair of guy pulleys deflecting sheaves, a common winch designed for winding both guy pulleys, a topping lift wire and a winch for taking in the said topping lift wires.*

108716. Hitachi Zosen Kabushiki Kaisha. A method of manufacturing the material of self-hardening molds. Accepted on 4th January 1968.

*Characterized in that particles of a refractory material whose base material is silica sand is exothermically reacted with sodium silicozirconate and water.*

109246. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to filters for analog signals. Accepted on 3rd January 1968.

*Characterized in that the filter comprises a analog-to-digital converter connected to the signal source and converting the analog signal from the signal source into a pulse sequence characteristic of digital and comprising in addition a shift register and a decoder.*

109253. George Angus & Company Limited. Improvements in and relating to shaft seals. Accepted on 4th January 1968.

*Comprising a moulded sealing ring of sealing material forming a sealing annulus with a peripheral surface presenting a sealing band to*

*contact and seal, said band having at least one zone which is incompletely circumferential with respect to the cylindrical surface to be sealed.*

109431. M. A. A. Khan. Moulds for preparing globes and the like from vitreous and like materials. Accepted on 30th December 1967.

*Includes a die with a highly polished base conforming to the shape of the article and a reciprocable plunger adapted to be lowered into and reared for the base by the end portion of the plunger having a shape similar to the shape of the base and having a circumferential ring at the central portion.*

109789. A. Ramabrahma and K. R. Ramachandran. Improvements in or relating to storage bins. Accepted on 3rd January 1968.

*Having parallel grooves along its inner sides near the top with two members at the base, a channel appendage at the rear, the members being adapted to slide in the parallel grooves of identical storage bin.*

110010. Universal Oil Products Company. Improved process for the separation of hydrocarbons. Accepted on 29th December 1967.

*Comprises in adjusting the primary reflux (I) from 100 to 140% of the volume of void space in the primary rectification zone (A) and the secondary reflux (II) from 80 to 100% of the volume of the void space in secondary rectification zone (B) for optimum purity of sorbate product. For optimum purity of raffinate products, (I) is adjusted from 80 to 100% of (A) and (II) is adjusted from 100 to 140% of (B).*

110077. Societe Generale Isothermes Societe Anonyme. A shock-absorbing buffer device for vehicles. Accepted on 4th January 1968.

*Shock-receiving disk, a sleeve solid with said disk, a cylinder rigid with the vehicle and open at its end adjacent the head on which said sleeve is adapted to slide, a pistion formed with a central bore and having a skirt adapted to slide in said cylinder.*

110264. Mosher Mining Equipment Company, Limited. Improved rotary fluid flow control valve assembly. Accepted on 4th January 1968.

*Includes a rotary selector member for selectively directing pressure fluid entering the valve to a plurality of fluid outlets, piston means exposed to said pressure fluid by the selector member to the fluid pressure and coupled to said member for applying to the same.*

110283. Westinghouse Electric Corporation. Chemical constituent sampler. Accepted on 30th December 1967.

*Comprising a relatively flat package including a base sheet of relatively impermeable material having formed therein a fluid-holding chamber, retainer sheet of relatively impermeable material applied to the base sheet in fluid tight manner to cover the chamber detachably sealed inlet opening means leading to chamber for admitting fluid to be tested and chemical reagent means disposed within package.*

110285. United Shoe Machinery Corporation. Improvements in self locking threaded fasteners. Accepted on 30th December 1967.

*A self-locking threaded fastening device comprising a shank having threads disposed thereon, a sleeve of resilient plastic assembled in the shank and having a mechanical portion disposed in said notches.*

110554. Imperial Metal Industries (Kynoch) Limited. Improvements in or relating to gear train assemblies. (24 May 1966). Accepted on 3rd January 1968.

*A gear train assembly comprising a driving and driven gear wheel units and an idler gear wheel unit, the idler unit being movable radially with respect to at least one of the other units, so as to held teeth of the idler units constantly in correct mesh with the teeth of the other units.*

- 110548 Westinghouse Electric Corporation. An overvoltage protective device. Accepted on 3rd January 1968.

*Comprises a sealed refractory envelope structure containing a gas and at least one electrode disposed at opposite ends.*

110682. Joseph Lucas (Industries) Limited. Ignition distributors. (13th June 1966). Accepted on 4th January 1968.

*An ignition distributor for use in a road vehicle, characterised in that means are provided whereby the maximum gap between contacts can be adjusted from the exterior of the casing.*

- 110789 Gosudarstvenny Vsesoluzny ordena Krasnogo Znameni proekiny i nauchno-issledovatel'skiy institut tsementnoi promyshlennosti. Device for processing fine grained materials in gas flow, particularly for preheating cement raw mix. Accepted on 3rd January 1968.

*Characterized in that the device comprises a shaft type chamber with uniform cross section being connected to a cyclone by a gas duct and communicating with said cyclone by a conduit both gas duct and conduit are in upper part.*

111181. N. V. Philips Gloeilampenfabrieken. Method of manufacturing an electric incandescent lamp comprising an insulating foam mass which fills the free space in the cap and incandescent lamp manufactured by this method. Accepted on 4th January 1968.

*A method of manufacturing an electric incandescent lamp having an insulating foam in the space inside the cap in which a plastically deformed filament is placed inside the cap and is made to form a foam by heating after placing the bulb and the cap on one another.*

111244. Tarsons Products. Pedals. Accepted on 3rd January 1968.

*Which is moulded in a single piece from a thermoplastic material so that the central tube for axle and grips on either side thereof are integrally formed with end flanges.*

111290. Congoleum-Nairn Inc. Composition for producing textured surface on foamable resinous composition. [Divisional date 12th April 1966]. Accepted on 29th December 1967.

*Comprises 5 to 75% by weight of an inhibitor which alters the decomposition temperature of the blowing agent, a liquid vehicle, a pigment and a resin carrier.*

111745. Joseph Lucas (Industries) Limited Ignition distributors. (19th August 1966). Accepted on 4th January 1968.

*Including a first vacuum unit slidably supported on the casing, a second vacuum unit secured to the casing, means interconnecting the first and second vacuum units, and means interconnecting the first vacuum unit and the contact breaker assembly.*

- 112355 Hobourn-Eaton Manufacturing Company Limited. (4th October 1966). Accepted on 4th January 1968.

*A pump for supplying fluid to a fluid system, comprising pumping means and valve which operates with the increasing speed of the rotor and thereby controls the fluid flow to the engine.*

112356. Hobourn-Eaton Manufacturing Company Limited Pump. (4th October 1966). Accepted on 4th January 1968.

*A pumping apparatus and a means for securing a rotary drive transmitting element over a tabular or hollow shaft which forms a power input-shaft of the pump.*

112357. Hobourn-Eaton Manufacturing Company Limited Pump. (4th October 1966). Accepted on 4th January 1968.

*A fluid pump comprising a housing, rotary pumping means, fluid chamber and a resiliently*

*deflectible flange portion and a co-operating surface in engagement with said flange portion and providing therewith a fluid seal and means for applying a fluid pressure in the said chamber so as to force the said flange portion into tight sealing engagement with said surface*

112358. Hobourn-Eaton Manufacturing Company Limited. Pump. (4th October 1966). Accepted on 4th January 1968.

*A rotary pump, mainly comprising a rotary member, casing and valves, and means for communicating inlet fluid from an inlet conduit of the pump to inlet ports thereof.*

112359. Hobourn-Eaton Manufacturing Company Limited. Pump. (4th October 1966). Accepted on 4th January 1968.

*A pump constructed to relieve high fluid pressure leakage to a shaft seal of the pump by communicating the seal area with a low pressure area.*

113716. The magnavox Company. Reproducing transducer. [Divisional date 22nd March 1966]. Accepted on 22nd December 1967.

*Having a thin planar member disposed in an air gap defined by opposite magnetic poles, a thin electrically conductive circuit included with the planar member, and means electrically coupled to the electrically conductive circuit for obtaining a flow of current through the circuit.*

#### Opposition Proceedings

(1)

An opposition has been entered by Praveen Khanna to the grant of a patent on application No. 100317, made by Krishnaraj Madhavji Damodhar Thackersey and others.

(2)

Notice is hereby given that an application has been entered by Pulling and Lifting Machines Private Limited to the grant of a patent on application No. 107176 made by Tractal Tirfor India Private Limited.

#### PATENTS SEALED

(1)

72122. 100517. 100919 100992. 101020. 101128. 101191. 101537. 101647. 101648. 101727. 101728. 101849. 102251. 102535. 103591. 103695. 104100. 104598. 104640. 105139. 106684.

(2)

100130. 100202. 100276. 101322. 101739. 101743. 101774. 101778. 101797. 101823. 103027. 103700. 103797. 103823. 103989. 104011. 104101. 104121. 104324. 104515. 105047.

(3)

95895. 100062. 100163. 100178. 100210. 100248. 100293. 100471. 100529. 100530. 100650. 100699. 100718. 100721. 100884. 100948. 100949. 101044. 101102. 101290. 101582. 101583. 101764. 101765. 101785. 101845. 101851. 101856. 101888. 102130. 102252. 102433. 102500. 102613. 102978. 103090. 103091. 104318. 104498. 107352. 108277. 108452. 109103. 109106. 109309. 109346.

#### RENEWAL FEES PAID

48778. 48915. 48953. 48954. 50664. 50741. 50991. 51080. 51127. 51134. 51179. 51370. 51676. 51904. 52552. 53450. 53475. 53491. 53504. 53513. 53765. 53848. 56281. 56286. 56289. 56290. 56369. 56390. 56427. 56475. 56512. 56674. 59284. 59325. 59327. 59374. 59391. 59392. 59430. 59447. 59479. 59485. 59491. 59505. 59509. 59516. 59533. 59534. 59541. 59542. 59543. 59544. 59617. 59667. 59690. 59930. 62301. 62512. 62737. 62769. 62772. 62829. 62831. 62879. 62890. 62891. 62939. 63013. 63164. 63175. 63176. 63193. 63232. 63610. 64197. 64759. 66225. 66298. 66299. 66300. 66301. 66302. 66303. 66304. 66363. 66399. 66430. 66445. 66446. 66467. 66470. 66496. 66506. 66595. 66600. 66647. 66705. 66874. 67038. 67403. 69088. 69766. 70049. 70122. 70267. 70298. 70316. 70317. 70375. 70379. 70402. 70422.



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 92319. 92358. 92382. 92396. 92402. 92413. 92438. 92688.  
 92788. 92930. 92932. 92933. 92984. 93119. 93148. 93149.  
 94433. 96183. 96453. 96957. 97226. 97357. 97588. 97953.  
 98162.

#### Cessation of Patents

53121. 53466. 53681. 55532. 85143. 87388. 89001.

#### Restoration Proceedings

##### (1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 83871—Union Tank Car Company.

The patent ceased on the 27th March 1967, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 6th January 1968. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents & Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 2nd March 1968.

##### (2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 84026—Union Tank Car Company.

The patent ceased on the 27th March 1967, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 6th January 1968. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 2nd March 1968.

##### (3)

An order has been made on the 18th December 1967, restoring the patent No. 52400, dated as of the 17th June 1954, granted to Inventa A.G. fur Forschung Und Patentverwertung for "process for the continuous production of polyamide shaped bodies".

##### (4)

An order has been made on the 18th December 1967 restoring the patent No. 59203, dated as of the 26th December 1956, granted to Inventa A.G. fur Forschung Und Patentverwertung for "process and apparatus for the treatment of solid goods with gaseous agents."

##### (5)

An order has been made on the 18th December 1967, restoring the patent No. 59989, dated as of the 23rd March 1957, granted to Inventa A.G. fur Forschung Patentverwertung for "process for the manufacture of polyhydric alcohols".

##### (6)

An order has been made on the 18th December 1967, restoring the patent No. 61028, dated as of the 8th July, 1957 granted to Inventa A.G. fur Forschung Und Patentverwertung for "crimped yarn".

##### (7)

An order has been made on the 18th December 1967, restoring the patent No. 68841, dated as of the 24th August 1959 granted to Inventa A.G. fur Forschung Patentverwertung for "process for the extraction of constituents of low molecular weight from granulated poly-E-caprolactum".

##### (8)

An order has been made on the 29th December 1967 restoring the patent No. 69766, dated as of the 19th November 1959, granted to Jivanji Jagjivandas Mistry for "an electrically operated geyser".

##### (9)

An order has been made on the 18th December 1967, restoring the patent No. 69929, dated as of the 8th January 1960 granted to Inventa A.G. fur Forschung Patentverwertung for "process for the production of synthetic resins".

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. Nos. 131474 to 131478. Tiger Products Private Ltd (A company incorporated under the Indian Companies Act, 18/4 Asaf Ali Road, New Delhi), Marris Road, Aligarh (U.P.) India, "A cycle lock", July 21, 1967.

Class 1. No. 131712. Naba Kumar Routh, an Indian National, 78, Netaji Subhas Bose Road, Calcutta-7, West Bengal, India, "Cooking utensils (Karai)", September 5, 1967.

Class 9. Nos. 132011 to 132022. Hindustan Embroidery Mills Private Limited, Chheharta (Nr. Amritsar), Punjab, India, Nationality: Indian Firm (A Private Limited Company incorporated under the Indian Companies Act), "Lace", October 18, 1967.

#### Registration of Assignments, Licences, etc. (Designs).

Assignments, Licences or other transaction affecting the interest of the original proprietors have been registered in the following cases. The number of each case is followed by the names of the applicants for registration :—

105368

105462

105463

M/s. ESGE Gesellschaft mit beschränkter Haftung.

#### Cancellation of the Registration of Designs, (Sec. 54A)

##### (1)

An application has been made by M/s. Nirman Industries, for cancellation of the registration of Design No. 130533 in the name of America Lock Company.

##### (2)

An application has been made by M/s. K. C. Astir & Company for cancellation of the registration of Design No. 131357 in the name of Agrawal Trading Corporation, Calcutta.

A. JOGARAO,  
 Controller General of Patents,  
 Designs and Trade Marks

